

HW 2, 10

P. 148-150 (8-16 Evens)
26, 42, 44

8. ORIGINAL AMT: 9
NEW AMT: 6 $\frac{(6-9)}{9} \times 100 = -33.\bar{3}\%$ DECREASE

10. ORIGINAL AMT: 7.5
NEW AMT: 9.5 $\frac{(9.5-7.5)}{7.5} = 26.\bar{6}\%$ INCREASE

12. ORIGINAL AMT: 2008
NEW AMT: 1975 $\frac{(1975-2008)}{2008} = -1.6\%$ DECREASE

14. ORIGINAL AMT: 195.50
NEW AMT: 215.25 $\frac{(215.25-195.50)}{195.50} = 10.1\%$ INCREASE

16. ORIGINAL AMT: \$8.00
NEW AMT: 88.75 $\frac{(8.75-8.00)}{8.00} = 9.375\%$ INCREASE

26. ORIGINAL AMT: 18 lb.
NEW AMT: 22 $\frac{1}{4}$ lb. $\frac{(22.25-18)}{18} = 23.61\%$ INCREASE

42. $\frac{13}{100} = \frac{8}{100}$ $\frac{x}{28} = \frac{85}{100}$ $100x = 2380$ $x = \$23.80$ B

44. $\frac{(2 \times 125)}{24} = 10.41$ 11 BOXES D